



429822

Ref. 61 p. 1

**Range, Lance**

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**From:** Grider, Nathan  
**Sent:** Tuesday, November 29, 2011 2:37 PM  
**To:** Range, Lance  
**Cc:** Evans, Tracy  
**Subject:** RE: state endangered species

All resources confirm the two fishes are in the Mississippi around the confluence of Smallpox Creek. There are no records from any agency further upstream at this time. Not that a detailed survey of the creek wouldn't find them, we just don't have any evidence at this time. The timber rattle snake did not show up because you just missed its buffer. Records as recent as 2007 occur within two miles of the mine site and it is reasonable to assume they are within the contaminated area. As far as the aquatics go, everything is heading downstream to the listed fish that we do have records for. If you need anything else, including maps, let me know.

Nathan

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**From:** Range, Lance  
**Sent:** Tuesday, November 29, 2011 2:04 PM  
**To:** Grider, Nathan  
**Subject:** RE: state endangered species

Rattle snake is helpful, but that wasn't designated on the EcoCAT report...

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**From:** Grider, Nathan  
**Sent:** Tuesday, November 29, 2011 12:41 PM  
**To:** Range, Lance  
**Subject:** RE: state endangered species

I forwarded the info to Tracy. She should be contacting you soon. Does the rattle snake records help you at all or are you more concerned with aquatics?

Tell Jim I'm mad at him, he never replied to my email a couple weeks ago. He's not my friend no more!

**From:** Range, Lance  
**Sent:** Tuesday, November 29, 2011 12:35 PM  
**To:** Grider, Nathan  
**Subject:** RE: state endangered species

That's fantastic. Yep you hit the nail on the head. The further upstream we can document them the better.

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**From:** Grider, Nathan  
**Sent:** Tuesday, November 29, 2011 11:50 AM  
**To:** Range, Lance  
**Subject:** RE: state endangered species

There are definitely occurrences of them in the area, mostly south toward the Miss. Timber rattle snakes are also in the area and listed as threatened. My supervisor asked that I turn this over to the original consultant, Tracy. I will catch her up on what you need and have her contact you. If we can't get you all the information you need, we may check with Dr. Leon Hinz with INHS who is GIS mapping all T&E fish species and more. We do the same, but his groups records are a bit different then ours.

So that I have this right, you want evidence that they exist or can exist further upstream in Smallpox Creek to better score the sight for NPL? Thus, the sight may pose a threat to listed Illinois species.

Nate

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**From:** Range, Lance  
**Sent:** Tuesday, November 29, 2011 9:25 AM  
**To:** Grider, Nathan  
**Subject:** state endangered species

Nathan

My two species are weed shiner (*Notropis texanus*) and the western sand darter (*Ammocrypta clarum*).



The creek I am looking at is Smallpox Creek in Jo Daviess County (upriver from the Savanna Army Depot). Map is attached of the samples that IEPA collected.

If you need more information please let me know.

Thanks for all of your help.

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**From:** Grider, Nathan

**Sent:** Tuesday, August 16, 2011 9:41 AM

**To:** Crause, Tom; Corkill, Ken; Everetts, Bruce; Ojha, Kunal; Range, Lance; Reed, Dave J.; Roderick, Amy; Salch, Jim; Wagner, Mark; Wasilewski, Tony; Willman, Jerry

**Subject:** RE: DW & WW 8-15-2011 CMP List

Hey guys,

Just started here at IDNR. Lots of windows to look out around here. My email has remained the same and my phone number is 557-1250. Keep in touch!

Thanks for a great summer

Nate G

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**From:** Crause, Tom

**Sent:** Thursday, August 11, 2011 1:04 PM

**To:** Corkill, Ken; Everetts, Bruce; Grider, Nathan; Ojha, Kunal; Range, Lance; Reed, Dave J.; Roderick, Amy; Salch, Jim; Wagner, Mark; Wasilewski, Tony; Willman, Jerry

**Subject:** FW: DW & WW 8-15-2011 CMP List

FYI.....

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**From:** Crumly, Mike

**Sent:** Thursday, August 11, 2011 12:52 PM

**To:** Crumly, Mike; Cox, Karen A.; Andres, Geoff; Armitage, Julie; Bakowski, Ed; Bingenheimer, Gary; Bloomberg, David E.; Breckenridge, Richard; Cahnovsky, Chris; Callaway, Roger; Clay, Doug; Carson, Robert; Cobb, Rick; Cook, David; Corley, Charles; Crause, Tom; Davison, Mike; Dowson, Sharon; Filson, Bur; Franek,

Bill; Gibbons, Joyce; Ginder, David; Greene, Kevin; Gunnarson, Charles W.; Gurnik, Mark; Hanson, Brett; Hayden, Dean; Heeren, Lee; Ingersoll, William; Jansen, David; Justice, John; King, Gary; Koronkowski, Joe; Krolak, John; Kruse, Chad; Logan-Wilkey, Joey; Lucas, Rick; Marks, Byron; McMillan, Dave; Miles, Jim; Morse, Ron; Narayen, Harish; O'Hara, Robert; Patel, Jay; Pilapil, Ray; Purseglove, Paul; Richardson, James; Salis, Emilio; Sims, Jackie; Smith, Clarence; Sofat, Sanjay; Tippin, Martin; Tonsor, Connie L.; Tripses, John; Virgin, Deanne; Waligore, John; Walters, David; Wells, John; White, Brian S.; Yarrington, Yeric; Youngblut, Steven; Yurdin, Bruce; Zentz, Miriam; Roubitchek, Mike

**Cc:** Bennett, Carol; Casper, Laura; Connelly, Paul; Lakin, Terri; Lee, Susan; Potter, Dianne; Reed, Mary F; Rhodes, Andrea; Ristau, Allison; Siders, Catherine; Spencer, Greg; Tolan, Doug

**Subject:** DW & WW 8-15-2011 CMP List

Please see attached.